

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A satellite broadcasting system comprising:
 - a satellite dish antenna receiving vertical and horizontal polarization signal blocks from at least one satellite;
 - a block frequency converter coupled to receive the received signal blocks, the block frequency converter frequency-converting the vertical polarization and horizontal polarization signal blocks received from said satellite to different frequency blocks;—and
 - an amplifier arrangement coupled to said block frequency converter, said amplifier arrangement amplifying said converted signal blocks and applying said signal blocks simultaneously to a single coaxial cable for enabling said two different blocks to be distributed simultaneously via said single coaxial cable; and
 - a signal joiner coupled to said amplifier, said signal joiner including a four-way splitter.
2. (previously presented) A satellite broadcasting system as in claim 1 further comprising a satellite receiver coupled to the cable.
3. (previously presented) A satellite broadcasting system as in claim 2 further including a power source coupled to said block frequency converter.

4. (previously presented) A satellite broadcasting system as in claim 2 wherein said block frequency converter provides for said signals to be converted separately and independently by said satellite receiver.

5. (previously presented) A satellite broadcasting system as in claim 2 wherein said block frequency converter allows said signals to be selectively converted to said satellite receiver.

6. (previously presented) A satellite broadcasting system as in claim 5 further including a switch for selecting between said blocks to be selectively converted by said satellite receiver.

7. (previously presented) A satellite broadcasting system as in claim 4 wherein said block frequency converter includes a first converting means for converting said signals of a first polarization direction to a desired first frequency block and a second converting means for converting said signals of a second polarization direction to a desired second frequency block.

8. (currently amended) A satellite broadcasting system as in claim 7 wherein said first converting means includes a first down converter which is coupled to an amplifier and said second converting means includes an up ~~eonverted-converter~~ converter coupled to a second down converter and a said joining means is coupled to said amplifier and said second down converting means.

9. (currently amended) A satellite broadcasting system as in claim 8 comprising:

a satellite dish antenna receiving vertical and horizontal polarization signal blocks from at least one satellite;

a block frequency converter coupled to receive the received signal blocks, the block frequency converter frequency-converting the vertical polarization and horizontal polarization signal blocks received from said satellite to different frequency blocks; and

an amplifier arrangement coupled to said block frequency converter, said amplifier arrangement amplifying said converted signal blocks and applying said signal blocks simultaneously to a single coaxial cable for enabling said two different blocks to be distributed simultaneously via said single coaxial cable;

further comprising a satellite receiver coupled to the cable;

wherein said block frequency converter provides for said signals to be converted separately and independently by said satellite receiver;

wherein said block frequency converter includes a first converting means for converting said signals of a first polarization direction to a desired first frequency block and a second converting means for converting said signals of a second polarization direction to a desired second frequency block;

wherein said first converting means includes a first down converter which is coupled to an amplifier and said second converting means includes an up converter coupled to a second down converter and a joining means is coupled to said amplifier and said second down converting means;

wherein said joining means includes a four way splitter.

10. (previously presented) A satellite broadcasting system as in claim 9 wherein a phase lock loop is coupled to said four way splitter.

11. (currently amended) A satellite broadcasting system as in claim 4 ~~further including a~~ wherein said splitter ~~splits~~ and divides said signals from said single coaxial cable to enable said signals to be transmitted to a first converting means for converting said signals of a first polarization direction to a desired first frequency for said satellite receiver and a second converting means for converting said signals of a second polarization direction to a desired second frequency for said satellite receiver.

12. (previously presented) A satellite broadcasting system as in claim 11 wherein said first converting means includes a first up converter which is coupled to said splitter and a first down converter is coupled to said first up converter, said first down converter being coupled to said satellite receiver via a first signal line, said second converting means including a second up converter coupled to said splitter, and said second up converter is coupled to said satellite receiver via a second conduit.

13. (currently amended) A satellite broadcasting system ~~as in claim 12 comprising:~~ a satellite dish antenna receiving vertical and horizontal polarization signal blocks from at least one satellite;
a block frequency converter coupled to receive the received signal blocks, the block frequency converter frequency-converting the vertical polarization and horizontal polarization signal blocks received from said satellite to different frequency blocks; and

an amplifier arrangement coupled to said block frequency converter, said amplifier arrangement amplifying said converted signal blocks and applying said signal blocks simultaneously to a single coaxial cable for enabling said two different blocks to be distributed simultaneously via said single coaxial cable;

further comprising a satellite receiver coupled to the cable;

wherein said block frequency converter provides for said signals to be converted separately and independently by said satellite receiver;

further including a splitter to split and divide said signals from said single coaxial cable to enable said signals to be transmitted to a first converting means for converting said signals of a first polarization direction to a desired first frequency for said satellite receiver and a second converting means for converting said signals of a second polarization direction to a desired second frequency for said satellite receiver;

wherein said first converting means includes a first up converter which is coupled to said splitter and a first down converter is coupled to said first up converter, said first down converter being coupled to said satellite receiver via a first signal line, said second converting means including a second up converter coupled to said splitter, and said second up converter is coupled to said satellite receiver via a second conduit;

wherein said splitter includes a four way splitter.

14. (previously presented) A satellite broadcasting system as in claim 13 wherein a phase lock loop is coupled said four way splitter.

Cancel claims 15 and 16 without prejudice or disclaimer.

17. (currently amended) A satellite broadcasting system as in claim 16 comprising:

a satellite dish antenna receiving vertical and horizontal polarization signal blocks from at least one satellite;

a block frequency converter coupled to receive the received signal blocks, the block frequency converter frequency-converting the vertical polarization and horizontal polarization signal blocks received from said satellite to different frequency blocks; and

an amplifier arrangement coupled to said block frequency converter, said amplifier arrangement amplifying said converted signal blocks and applying said signal blocks simultaneously to a single coaxial cable for enabling said two different blocks to be distributed simultaneously via said single coaxial cable;

further comprising a satellite receiver coupled to the cable;

wherein said block frequency converter allows said signals to be selectively converted to said satellite receiver;

further including a switch for selecting between said blocks to be selectively converted by said satellite receiver;

further including a splitter to split and divide said signals from said single coaxial cable to enable said signal to be transmitted to a first block converting means for converting said signals of a first polarization direction to a desired first frequency block for said satellite receiver and a second block converting means for converting said signals of a second polarization direction to a desired second frequency block for said satellite receiver;

wherein said first converting means includes a first up converter which is coupled to said splitter and said first up converter is coupled to a first down converter, said first down converter is coupled to a joining means, said second converting means includes a second up converter coupled to said splitter, and said second up converter is coupled to said joining means, a switch is coupled to said first down converter and said second up converter, and said switch is coupled to said satellite receiver;

wherein said splitter and said joining means each include a four way splitter, and a phase lock loop is coupled to said splitter.

18. (currently amended) A satellite broadcasting system as in claim 8 further including a further splitter to split and divide said signals from said single coaxial cable to enable said signal to be transmitted to a third converting means for converting said signals of said first polarization direction and a fourth converting means for converting said signals of said second polarization direction.

19. (previously presented) A satellite broadcasting system as in claim 18 wherein said third converting means includes a second up converter which is coupled to said splitter and said second up converter is coupled to a third down converter, said third down converter is coupled to said satellite receiver via a first line, said fourth converting system includes a third up converter coupled to said splitter, and said third up converter is coupled to said satellite receiver via a second line.

20. (currently amended) A satellite broadcasting system as in claim 8 wherein said ~~frequency block converter includes a splitter to splits and divides said signals from said~~

single coaxial to enable said signals to be transmitted to a third converting means for converting said signals of said first direction to a desired first frequency block for said satellite receiver and a fourth converting means for converting said signals of said second polarization direction to a desired second frequency block for said satellite receiver.

21. (previously presented) A satellite broadcasting system as in claim 20 wherein said third converting means includes a second up converter which is coupled to said splitter and said second up converter is coupled to a third down converter, said third down converter is coupled to a second joining means, said fourth converting means includes a third up converter coupled to said splitter, and said third up converter is coupled to said second joining means, a switch is coupled to said third down converter and said third up converter, and said switch is further coupled to a line which is coupled to said satellite receiver, and said second joining means is coupled to said line.

22. (currently amended) A satellite signal distribution system that distributes at least one vertical polarization type block of received satellite signals and at least one horizontal polarization type block of received satellite signals over the same distribution cable to at least one remotely located satellite ~~receivers~~receiver, said distribution system comprising:

a block converter connected to frequency-convert to a different frequency block, at least one of (a) said vertical polarization type block of received satellite signals and (b) said horizontal polarization type block of received satellite signals, said block converter having an output;

at least one amplifier arrangement coupled to the block converter output, said amplifier arrangement amplifying said frequency-converted block(s); and a coupling arrangement that couples said vertical polarization type block of received satellite signals and said horizontal polarization type block of received satellite signals as block frequency converted and amplified by said block converter and said amplifier, such that said vertical polarization type block of satellite signals and said horizontal polarization type block of satellite signals are carried simultaneously by said same distribution cable to said plural at least one remotely located satellite receivers, said coupling arrangement including a four-way splitter.

23. (currently amended) The system of claim 22 wherein each of said plural satellite receivers are coupled to said distribution cable splitter, said plural satellite receivers, in use, each independently selecting a desired satellite signal within either said vertical polarization type block of satellite signals and said horizontal polarization type block of satellite signals carried by said distribution cable.

24. (previously presented) The system of claim 22 wherein said block converter frequency-converts both said vertical polarization type block of received satellite signals and said horizontal polarization type block of received satellite signals.

25. (previously presented) The system of claim 22 wherein said block converter comprises a down converter.

26. (previously presented) The system of claim 22 wherein said block converter includes an up converter connected to a down converter.

27. (previously presented) The system of claim 22 wherein said block converter includes a phase locked loop.

28. (previously presented) The system of claim 22 further including a satellite antenna.

29. (currently amended) The system of claim 28 ~~further including a low noise~~
~~wherein said~~ block converter is connected between said satellite antenna and said amplifier-block converter.

30. (previously presented) The system of claim 22 further including an AC power separator.

Cancel claim 31 without prejudice or disclaimer.

32. (currently amended) The system of claim 22-23 wherein said distribution cable comprises a coaxial cable.

33. (currently amended) The system of claim 22-23 wherein said amplifier arrangement amplifies so as not to create second harmonics.

34. (currently amended) The system of claim 22-23 wherein said block converter converts transponders of said received satellite signals up to a specified frequency.

35. (previously presented) The system of claim 34 wherein said block converter converts signals to a higher frequency block and then to a lower frequency block to avoid any hidden or forbidden conversion areas.